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(54) Title: BELT ASSEMBLY MONITORING SYSTEM
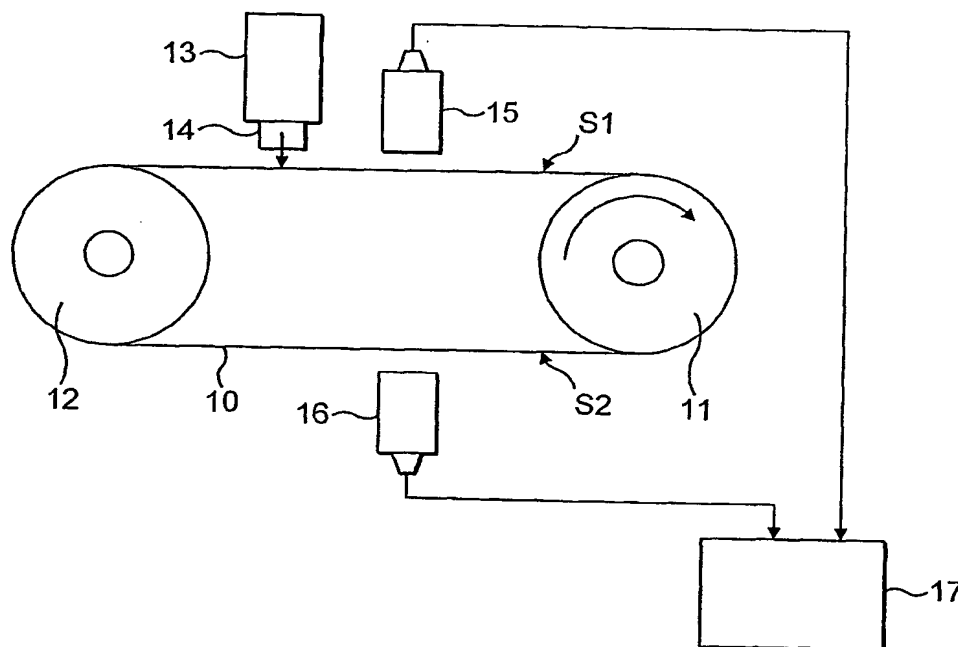
(57) Abstract: In a pulley and belt system, sensors (15, 16) are arranged to detect vibrations in spans (51, 52) of a belt (10) moving around pulleys (11, 12). An external excitation can be applied to the belt via a device (13) with a movable piston (14). Signals from vibrations induced in the belt spans are sent to a data processing unit (17) where they are collated and interpreted to give an analysis of belt and/or pulley condition.

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